

Interview Summary	Application No. 09/870,899	Applicant(s) WILSON ET AL.	
	Examiner Shaojia A Jiang	Art Unit 1617	

All participants (applicant, applicant's representative, PTO personnel):

- (1) Shaojia A Jiang. (3) _____
 (2) Mr. Mark Newman. (4) _____

Date of Interview: 15 October 2003.

Type: a) ☐ Telephonic b) ☐ Video Conference
 c) ☒ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.
 If Yes, brief description: _____

Claim(s) discussed: all claims

Identification of prior art discussed: all cited prior art

Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments:

Applicant's agent argued that the Fritzsche reference does not teach the method of increasing the reproductive performance of a female swine & does not
 (A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

teach the limitation in the proposed ~~new~~ amended claims (see attached)
Applicant's agent argued that the declaration of Applicant does show the comparison with alternative.
The examiner explained, ^{the} 103(a) rejected would be applied the proposed amended claims & the declaration is ineffective to overcome the 103(a) rejection as discussed

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

Examiner's signature, if required

per previous Office action

In the Claims

Please amend claims 1, 2, 9, 18, 19, 20, 23, 25, 41, and 71-72 as follows:

1. (Currently Amended) A method of increasing the reproductive performance of a female swine, comprising the step of administering to the female swine a feed composition comprising a marine animal ~~products~~ product;

wherein the marine animal product comprises ~~comprising~~ C₂₀ and C₂₂ omega-3 fatty acids or esters thereof; and

wherein the feed composition as a final mixture comprises about 0.025% to about 2% by weight of the marine animal product.

2. (Currently amended) The method of claim 1 wherein the marine animal product is selected from the group consisting of a fish ~~oil~~, oil and a fish oil derived from a fish meal product, ~~and a fish meal product~~ or a mixture thereof.

3. (Original) The method of claim 1 wherein the marine animal product comprises a fish oil from a North Atlantic cold water fish.

4. (Original) The method of claim 3 wherein the fish oil comprises salmon oil.

5. (Original) The method of claim 1 wherein the feed composition further comprises omega-6 fatty acids or esters thereof.

6. (Original) The method of claim 5 wherein the omega-6 fatty acids/esters to omega-3 fatty acids/esters ratio in the feed composition as a final mixture is from about 3:1 to about 20:1.

7. (Canceled)

8. (Original) The method of claim 4 wherein the feed composition as a final mixture comprises about 0.025% to about 1% by weight of salmon oil.

9. (Currently amended) The method of claim 2 wherein the feed composition as a final mixture comprises about 0.025% to about 1% by weight of the fish oil or the fish oil derived from the fish meal product.

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Original) The method of claim 1 wherein the feed composition is administered daily to the female animal.

14. (Original) The method of claim 1 wherein the feed composition is administered to the female swine beginning about 30 days before a first mating of the female swine during an estrus and continuing through a second mating of the female swine during the same estrus.

15. (Original) The method of claim 1 wherein the feed composition is administered to the female swine beginning about 1 to about 4 days prior to parturition and continuing through the next breeding.

16. (Original) The method of claim 1 wherein the feed composition is administered during lactation.

17. (Original) The method of claim 1 wherein the feed composition as a final mixture further comprises an antioxidant.

18. (Currently amended) The method of claim 2 1 wherein the omega fatty acids in the ~~fish oil~~ marine animal product are stabilized by prilling.

19. (Currently Amended) A method of increasing the number of live births to a female swine, comprising the step of administering to the female swine a feed composition comprising a marine animal products product.

wherein the marine animal product comprises ~~comprising~~ C₂₀ and C₂₂
omega-3 fatty acids or esters thereof; and
wherein the feed composition as a final mixture comprises about 0.025% to
about 2% by weight of the marine animal product.

20. (Currently Amended) A method of increasing the total number of births to a female swine, comprising the step of administering to the female swine a feed composition comprising a marine animal ~~products~~ product;

wherein the marine animal product comprises ~~comprising~~ C₂₀ and C₂₂
omega-3 fatty acids or esters thereof; and
wherein the feed composition as a final mixture comprises about 0.025% to
about 2% by weight of the marine animal product.

21. (Withdrawn)

22. (Withdrawn)

23. (Currently Amended) A method of increasing the uniformity of birth weight of offspring of a female swine, comprising the step of administering to the female animal a feed composition comprising a marine animal ~~products~~ product;

wherein the marine animal product comprises ~~comprising~~ C₂₀ and C₂₂
omega-3 fatty acids or esters thereof; and
wherein the feed composition as a final mixture comprises about 0.025% to
about 2% by weight of the marine animal product.

24. (Withdrawn)

25. (Currently Amended) A method of increasing the farrowing rate of a female swine, comprising the step of administering to the female swine a feed composition comprising a marine animal ~~products~~ product;

wherein the marine animal product comprises ~~comprising~~ C₂₀ and C₂₂

omega-3 fatty acids or esters thereof; and

wherein the feed composition as a final mixture comprises about 0.025% to

about 2% by weight of the marine animal product.

26. (Withdrawn)

27. (Withdrawn)

28. (Withdrawn)

29. (Withdrawn)

30. (Withdrawn)

31. (Withdrawn)

32. (Withdrawn)

33. (Withdrawn)

34. (Withdrawn)

35. (Withdrawn)

36. (Withdrawn)

37. (Withdrawn)

38. (Withdrawn)

39. (Withdrawn)

40. (Withdrawn)

41. (Currently Amended) A method of increasing the reproductive

performance of a breeding population of swine comprising the step of:

administering to a female swine a feed composition comprising a
marine animal ~~products~~ product;

wherein the marine animal product comprises ~~comprising~~ C₂₀ and C₂₂

omega-3 fatty acids or esters thereof; and

wherein the feed composition as a final mixture comprises about 0.025% to about 2% by weight of the marine animal product.

- 42. (Withdrawn)
- 43. (Withdrawn)
- 44. (Withdrawn)
- 45. (Withdrawn)
- 46. (Withdrawn)
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- 49. (Withdrawn)
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- 51. (Withdrawn)
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- 53. (Withdrawn)
- 54. (Withdrawn)
- 55. (Withdrawn)
- 56. (Withdrawn)
- 57. (Withdrawn)
- 58. (Withdrawn)
- 59. (Withdrawn)
- 60. (Canceled)
- 61. (Canceled)
- 62. (Canceled)
- 63. (Canceled)
- 64. (Canceled)

65. (Canceled)

66. (Canceled)

67. (Canceled)

68. (Canceled)

69. (Canceled)

70. (Canceled)

71. (Currently amended) A method of increasing the reproductive performance of a female swine, comprising the step of administering to the female swine a feed composition comprising a marine animal products product;

wherein the marine animal product comprises comprising C₂₀ omega-3 fatty acids or esters thereof; and

wherein the feed composition as a final mixture comprises about 0.025% to about 2% by weight of the marine animal product.

72. (Currently amended) A method of increasing the reproductive performance of a female swine, comprising the step of administering to the female swine a feed composition comprising a marine animal products product;

wherein the marine animal product comprises comprising C₂₂ omega-3 fatty acids or esters thereof; and

wherein the feed composition as a final mixture comprises about 0.025% to about 2% by weight of the marine animal product.

Please add claims 73-102 as follows:

73. (New) A method of increasing the reproductive performance of a female swine, comprising the step of administering to the female swine a feed composition comprising a marine animal product wherein the marine animal product is a fish meal product

and wherein the fish meal product comprises C_{20} and C_{22} omega-3 fatty acids or esters thereof.

74. (New) The method of claim 73 wherein the fish meal product is from a North Atlantic cold water fish.

75. (New) The method of claim 73 wherein the feed composition further comprises omega-6 fatty acids or esters thereof.

76. (New) The method of claim 75 wherein the omega-6 fatty acids/esters to omega-3 fatty acids/esters ratio in the feed composition as a final mixture is from about 3:1 to about 20:1.

77. (New) The method of claim 73 wherein the feed composition as a final mixture comprises about 1% to about 10% by weight of the fish meal product.

78. (New) The method of claim 73 wherein the feed composition is administered daily to the female animal.

79. (New) The method of claim 73 wherein the feed composition is administered to the female swine beginning about 30 days before a first mating of the female swine during an estrus and continuing through a second mating of the female swine during the same estrus.

80. (New) The method of claim 73 wherein the feed composition is administered to the female swine beginning about 1 to about 4 days prior to parturition and continuing through the next breeding.

81. (New) The method of claim 73 wherein the feed composition is administered during lactation.

82. (New) The method of claim 73 wherein the feed composition as a final mixture further comprises an antioxidant.

83. (New) A method of increasing the reproductive performance of a female swine, comprising the step of administering to the female swine a feed composition comprising a marine animal product;

wherein the marine animal product comprises omega-6 fatty acids or esters thereof and C₂₀ and C₂₂ omega-3 fatty acids or esters thereof; and

wherein the omega-6 fatty acids/esters to omega-3 fatty acids/esters ratio in the feed composition as a final mixture is from about 3:1 to about 20:1.

84. (New) The method of claim 83 wherein the marine animal product is an oil from a North Atlantic cold water fish.

85. (New) The method of claim 83 wherein the marine animal product comprises salmon oil.

86. (New) The method of claim 85 wherein the feed composition as a final mixture comprises about 0.025% to about 1% by weight of salmon oil.

87. (New) The method of claim 83 wherein the feed composition as a final mixture comprises about 0.025% to about 1% by weight of the marine animal product.

88. (New) The method of claim 85 wherein the feed composition as a final mixture comprises about 0.025% to about 2% by weight of salmon oil.

89. (New) The method of claim 83 wherein the feed composition as a final mixture comprises about 0.025% to about 2% by weight of the marine animal product.

90. (New) The method of claim 83 wherein the feed composition is administered daily to the female animal.

91. (New) The method of claim 83 wherein the feed composition is administered to the female swine beginning about 30 days before a first mating of the female swine during an estrus and continuing through a second mating of the female swine during the same estrus.